Mean, Median, Mode and Range Practice

1. At Oliver's Pizza Palace in the 6 hours they were open they sold the following number of pizzas: 55 pepperoni, 57 sausage, 50 cheese, 51 mushroom, 61 anchovies and 50 pineapple. Determine the mean, median, mode and range of the number of pizzas sold.

Order the data from least to greatest here:

_____

Mean:	Median:
Mode:	Range:

2. Victor was selling chocolate for a school fund raiser. On the first week he sold 75. On the second week he sold 67. On the third week he sold 75. On the fourth week he sold 70 and on the last week he sold 68. Determine the mean (rounded to the nearest tenth), median, mode and range of the chocolate bars he sold

Order the data from least to greatest here:

_____

Mean:	Median:
Mode:	Range:

3. Haley's team played 8 games of basketball. During those 8 games her team's score was: 83, 84, 80, 68, 79, 79, 71 and 79. Determine the mean (rounded to the nearest tenth), median, mode and range of the scores

Order the data from least to greatest here:

_____

Mean:	Median:
Mode:	Range:

4. For each set of data, identify any **outliers**. Then, determine the effect that outlier will have on the mean.

Data	Outlier	Effect on Mean
a) 95,90,87,85,79,40,90,80		
b) 8,7,10,11,8,12,13,8,50,12		
c) 200, 225, 750, 310, 212		

5. On a recent math test, your class' scores on the test were as follows:

89, 90, 75, 76, 84, 10, 82, 76, 68, 10, 99, 100, and 68

a) Mrs. Minera calculated the mean of their test scores to be about 71. Do you think that this mean is a good way to represent the performance of a majority of the class? Why or why not?

_____

_____

_____

_____